

In the Claims

Please amend the claims as follows:

1. (Currently amended) A method for repairing railcars, the method comprising the steps of:

providing a railcar maintenance facility wherein the maintenance facility comprises a plurality of maintenance stations and a transfer area;

providing a railcar requiring maintenance service from ~~both~~ at least a first maintenance station and a second maintenance station;

providing a first communication means associated with a first maintenance station for communicating whether the first maintenance station is available to receive the railcar;

providing a second communication means associated with the second maintenance station for communicating whether the second maintenance station is available to receive the railcar;

wherein said railcar is held in a first queue area if the first communication means indicates that the first maintenance station is unavailable to receive the railcar even if the second maintenance station is available to receive the railcar and further wherein the railcar is transferred into the maintenance facility if the first communication means indicates that the first railcar maintenance station is available to receive the railcar even if the second communication means indicates that the second maintenance station is unavailable to receive the railcar wherein transferring the railcar comprises the steps of:

moving the railcar to the transfer area;

transferring the railcar to the first maintenance station via the transfer area;

working on the railcar by administering a lining to an interior of the railcar  
within the first maintenance station;

transferring the railcar to the second maintenance station ~~for servicing at the~~  
~~second maintenance station~~ and curing the lining with the second maintenance station ; and  
moving the railcar out of the maintenance facility.

2. (Original) The method of claim 1 further comprising the step of:

inspecting the railcar for maintenance needs prior to moving the railcar to  
the transfer area.

3. (Previously cancelled).

4. (Original) The method of claim 1 further comprising the step of:

providing a plurality of repair stations within the maintenance facility; and  
transferring the railcar to one of the repair stations.

5. (Original) The method of claim 1 further comprising the step of:

providing an inbound railway and an outbound railway;  
moving the railcars into and out of the maintenance facility via the inbound  
and outbound railways, respectively.

6. (Original) The method of claim 1 further comprising the step of:

removing a paint coating from an interior of the railcar within one of the  
maintenance stations.

7. (Original) The method of claim 1 further comprising the step of:

removing a paint coating from an exterior of the railcar within one of the  
maintenance stations.

8. (Cancelled)

9. (Currently amended) The method of claim 1 further comprising the step of:  
administering a coating of paint to an exterior of the railcar within a ~~first~~  
third maintenance station; and  
curing the coating of paint within a ~~second~~ fourth maintenance station.

10. (Currently amended) The method of claim 1 further comprising the steps of:  
disassembling the railcar to repair the railcar within a ~~first~~ third  
maintenance station; and  
reassembling the railcar after the railcar is repaired within a ~~second~~ fourth  
maintenance station.

11. (Currently amended) The method of claim 6 ~~farther~~ further comprising the  
step of:  
removing the paint coating by blasting the interior of the railcar with a  
scouring material.

12. (Original) The method of claim 11 wherein the material is selected from the  
group consisting of metal grit, metal pellets, sand and water.

13. (Original) The method of claim 1 further comprising the step of:  
cleaning the railcar within one of the maintenance stations.

14. (Original) The method of claim 1 further comprising the steps of:  
providing a transfer table for transferring the railcar through the  
maintenance facility; and  
transferring the railcar between maintenance stations.

15. (Previously amended) The method of claim 1 further comprising the steps  
of:

providing an inbound railway;  
providing an inspection area connected to the inbound railway;  
inspecting the railcar to determine maintenance needs of the railcar; and  
routing the railcar through the maintenance facility based on the  
maintenance needs.

16. (Previously amended) The method of claim 1 comprising the steps of:  
providing a plurality of transfer tables within the transfer area; and  
transferring a plurality of railcars through the facility via the plurality of  
transfer tables.

17. (Original) The method of claim 1 further comprising the steps of:  
providing an interior blast station for scouring an interior of the railcar;  
providing a lining queue area connected to the transfer area; and  
transferring the railcar to the lining queue area if the interior blast station is  
unavailable to receive the railcar.

18. (Original) The method of claim 1 further comprising the steps of:  
providing a paint station connected to the transfer area;  
providing a cure queue area connected to the transfer area; and  
transferring the railcar to the cure queue area if the paint station is  
unavailable to receive the railcar.

19. (Previously amended) The method of claim 1 further comprising the steps  
of:  
providing a communication means at each maintenance station for  
communicating whether the maintenance station is available to receive the railcar;

communicating to an operator via the communication means, the availability of the maintenance stations; and

transferring the railcar to a maintenance station that is available based on the communication of the maintenance stations to the operator.

20. (Previously amended) The method of claim 1 further comprising the steps of:

inspecting the railcar for maintenance needs; and

administering a designation to the railcar based on the maintenance needs of the railcar.

21. (Previously amended) A method for repairing railcars, the method comprising the steps of:

providing a railcar maintenance facility wherein the maintenance facility comprises a plurality of maintenance stations and a transfer area;

providing a railcar requiring maintenance service;

moving the railcar to the transfer area;

transferring the railcar to at least one of the maintenance stations;

working on the railcar within the maintenance stations;

administering a lining to an interior of the railcar within a first maintenance station;

curing the lining with a second maintenance station; and

moving the railcar out of the maintenance facility.

22. (Previously amended) A method for repairing railcars, the method comprising the steps of:

providing a railcar maintenance facility wherein the maintenance facility comprises a plurality of maintenance stations and a transfer area;

providing a railcar requiring maintenance service;

moving the railcar to the transfer area;

transferring the railcar to at least one of the maintenance stations;

working on the railcar within the maintenance stations;

providing an interior blast station for scouring an interior of the railcar;

providing a lining queue area connected to the transfer area;

transferring the railcar to the lining queue area if the interior blast station is unavailable to receive the railcar; and

moving the railcar out of the maintenance facility.

23. (Cancelled).

24. (Cancelled).

25. (Previously amended) A method for repairing railcars, the method comprising the steps of:

providing a railcar maintenance facility wherein the maintenance facility comprises a plurality of maintenance stations and a transfer area;

providing a railcar requiring maintenance service;

holding the railcar within a queue area when the at least one maintenance station is not available:

moving the railcar to the transfer area;

transferring the railcar to at least one of the maintenance stations;

working on the railcar within the at least one maintenance station;

administering a lining to an interior of the railcar within a first maintenance station;

curing the lining within a second maintenance station; and  
moving the railcar out of the maintenance facility.

26. (Currently amended) A method for repairing railcars, the method comprising the steps of:

providing a railcar maintenance facility wherein the maintenance facility comprises a plurality of maintenance stations and a transfer area;

providing a railcar requiring maintenance service;

holding the railcar within a queue area when the at least one maintenance station is not available;

moving the railcar to the transfer area;

transferring the railcar to at least one of the maintenance stations;

working on the railcar within the at least one maintenance station;

providing an interior blast station for scouring an interior of the railcar;

providing a lining queue area connected to the transfer area;

transferring the railcar to the lining queue area if the interior blast station is unavailable to receive the railcar; and

moving the railcar out of the maintenance facility.

27. (Cancelled).

28. (Cancelled).

29. (Previously added) A method for repairing railcars, the method comprising the steps of:

providing a railcar maintenance facility wherein the maintenance facility comprises a plurality of maintenance stations and a transfer area;

providing a railcar requiring maintenance service;

providing a communication means associated with a maintenance station for communicating whether the maintenance station is available to receive the railcar;

holding the railcar within a queue area when the at least one maintenance station is not available;

moving the railcar to the transfer area;

transferring the railcar to at least one of the maintenance stations;

working on the railcar within the at least one maintenance station;

administering a lining to an interior of the railcar within a first maintenance station;

curing the lining within a second maintenance station; and

moving the railcar out of the maintenance facility.

30. (Previously added) A method for repairing railcars, the method comprising the steps of:

providing a railcar maintenance facility wherein the maintenance facility comprises a plurality of maintenance stations and a transfer area;

providing a railcar requiring maintenance service;

providing a communication means associated with a maintenance station for communicating whether the maintenance station is available to receive the railcar;

holding the railcar within a queue area when the at least one maintenance station is not available;



- moving the railcar to the transfer area;
- transferring the railcar to at least one of the maintenance stations;
- working on the railcar within the at least one maintenance station;
- providing an interior blast station for scouring an interior of the railcar;
- providing a lining queue area connected to the transfer area;
- transferring the railcar to the lining queue area if the interior blast station is unavailable to receive the railcar; and
- moving the railcar out of the maintenance facility.

31. (Previously added) A method for repairing railcars, the method comprising the steps of:

- providing a railcar maintenance facility wherein the maintenance facility comprises a plurality of maintenance stations and a transfer area;
- providing a railcar requiring maintenance service;
- providing a communication means associated with a maintenance station for communicating whether the maintenance station is available to receive the railcar;
- holding the railcar within a queue area when the at least one maintenance station is not available;
- moving the railcar to the transfer area;
- transferring the railcar to at least one of the maintenance stations;
- working on the railcar within the at least one maintenance station;
- providing a paint station connected to the transfer area;
- providing a cure queue area connected to the transfer area;

transferring the railcar to the cure queue area if the paint station is unavailable to receive the railcar; and

moving the railcar out of the maintenance facility.

32. (New) A method for repairing railcars, the method comprising the steps of:

providing a railcar maintenance facility wherein the maintenance facility comprises a plurality of maintenance stations and a transfer area;

providing a railcar requiring maintenance service from at least a first maintenance station and a second maintenance station;

providing a first communication means associated with a first maintenance station for communicating whether the first maintenance station is available to receive the railcar;

providing a second communication means associated with the second maintenance station for communicating whether the second maintenance station is available to receive the railcar;

wherein said railcar is held in a first queue area if the first communication means indicates that the first maintenance station is unavailable to receive the railcar even if the second maintenance station is available to receive the railcar and further wherein the railcar is transferred into the maintenance facility if the first communication means indicates that the first railcar maintenance station is available to receive the railcar even if the second communication means indicates that the second maintenance station is unavailable to receive the railcar wherein transferring the railcar comprises the steps of:

moving the railcar to the transfer area;

transferring the railcar to the first maintenance station via the transfer area;

working on the railcar within the first maintenance station;  
transferring the railcar to the second maintenance station for servicing at the second maintenance station;  
providing an interior blast station for scouring an interior of the railcar;  
providing a lining queue area connected to the transfer area;  
transferring the railcar to the lining queue area if the interior blast station is unavailable to receive the railcar; and  
moving the railcar out of the maintenance facility when maintenance of the railcar is complete.

33. (New) A method for repairing railcars, the method comprising the steps of:  
providing a railcar maintenance facility wherein the maintenance facility comprises a plurality of maintenance stations and a transfer area;  
providing a railcar requiring maintenance service from at least a first maintenance station and a second maintenance station;  
providing a first communication means associated with a first maintenance station for communicating whether the first maintenance station is available to receive the railcar;  
providing a second communication means associated with the second maintenance station for communicating whether the second maintenance station is available to receive the railcar;  
wherein said railcar is held in a first queue area if the first communication means indicates that the first maintenance station is unavailable to receive the railcar even if the second maintenance station is available to receive the railcar and further wherein the

railcar is transferred into the maintenance facility if the first communication means indicates that the first railcar maintenance station is available to receive the railcar even if the second communication means indicates that the second maintenance station is unavailable to receive the railcar wherein transferring the railcar comprises the steps of:

- moving the railcar to the transfer area;

- transferring the railcar to the first maintenance station via the transfer area;

- working on the railcar within the first maintenance station;

- transferring the railcar to the second maintenance station for servicing at the second maintenance station;

- providing a paint station connected to the transfer area;

- providing a cure queue area connected to the transfer area;

- transferring the railcar to the cure queue area if the paint station is unavailable to receive the railcar; and

- moving the railcar out of the maintenance facility when the maintenance to the railcar is complete.